

# KLINELINE BRIDGE UPDATE

NE HIGHWAY 99 OVER SALMON CREEK

CLARK COUNTY PUBLIC WORKS

DECEMBER 2005

## Clark County to Replace Existing Kline Line Bridge

**K**line Line Bridge, also known as Salmon Creek Bridge, on Highway 99 is due for an overhaul. Significant deterioration and exposed rebar have prompted Clark County and Washington State Department of Transportation (WSDOT) to identify it for replacement.

Portions of the structure, which spans Salmon Creek, have been rebuilt twice since the bridge was originally constructed in 1927. A mix of uses—residential, businesses, a church, and Salmon Creek itself—border the bridge. (*The map on page 3 shows the project area.*)

The county is designing a new Kline Line Bridge, funded in part with a federal Bridge Replacement Advisory Committee (BRAC) grant administered by WSDOT.

In addition to engineering design, the project will include environmental permitting and construction. As

a four-lane principal arterial, the new bridge will have bicycle lanes, curbs, and sidewalks.

Construction is slated to begin in spring 2007, with an estimated completion date of fall 2008.

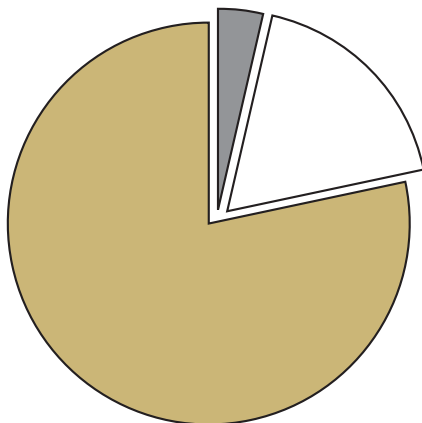


The new Kline Line Bridge is part of improvements to Highway 99 between NE 99th and NE 129th streets.

### PROJECT COST SUMMARY

- Construction:** \$2,631,000
- Engineering:** \$599,925
- Property Acquisition:** \$130,000

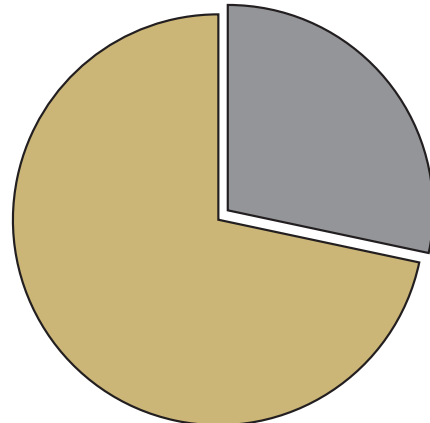
**Total:** \$3,360,925



### FUNDING SUMMARY

- Federal Grant:** \$2,400,000
- County Road Fund:** \$960,925

**Total:** \$3,360,925



Estimated cost of the new bridge is \$3,360,925: \$599,925 for engineering, \$130,000 for property acquisition, and \$2,631,000 for construction. Just under three-quarters of the project is being funded through a federal BRAC grant. The remainder will come from the County Road Fund.

# Building the Future of Highway 99 is Long-Term Effort

**E**ngineering design work to make safety and traffic flow improvements to Highway 99 will begin in 2007. Although actual construction between NE 99th Street and 129th Street is still several years away, the Kline Line Bridge Replacement Project will be designed with those future improvements in mind.

The bridge replacement will also include several hundred feet of roadway on either end of the new bridge and provide a preview of standards that will be followed for Highway 99 construction. The section will also include sidewalks, curbs, and bicycle lanes.



A variety of repairs, patches, and other remedial steps have already been applied to Kline Line Bridge to address significant deterioration of the aging structure.

away from the work zone. Preparing for this possible in-stream work will require extensive environmental review to protect fish and water quality.

Ultimately, the project will leave Salmon Creek a better place than it was before. Project design will include stream restoration work to improve fish habitat and aid upstream passage of salmon and steelhead while protecting the stream bank from future erosion during floods.

An open house on October 27, 2005 introduced the Kline Line Bridge project and discussed the Highway 99 Concept Plan. Those who attended examined the bridge replacement 30 percent design plans and met the project team. Additional public comment opportunities for Kline Line Bridge will include meetings with individual property owners, citizen and business forums, and one more public open house. A tentative project schedule is provided in the table below.

Courtesy of Kramer Gellen & Associates Inc.



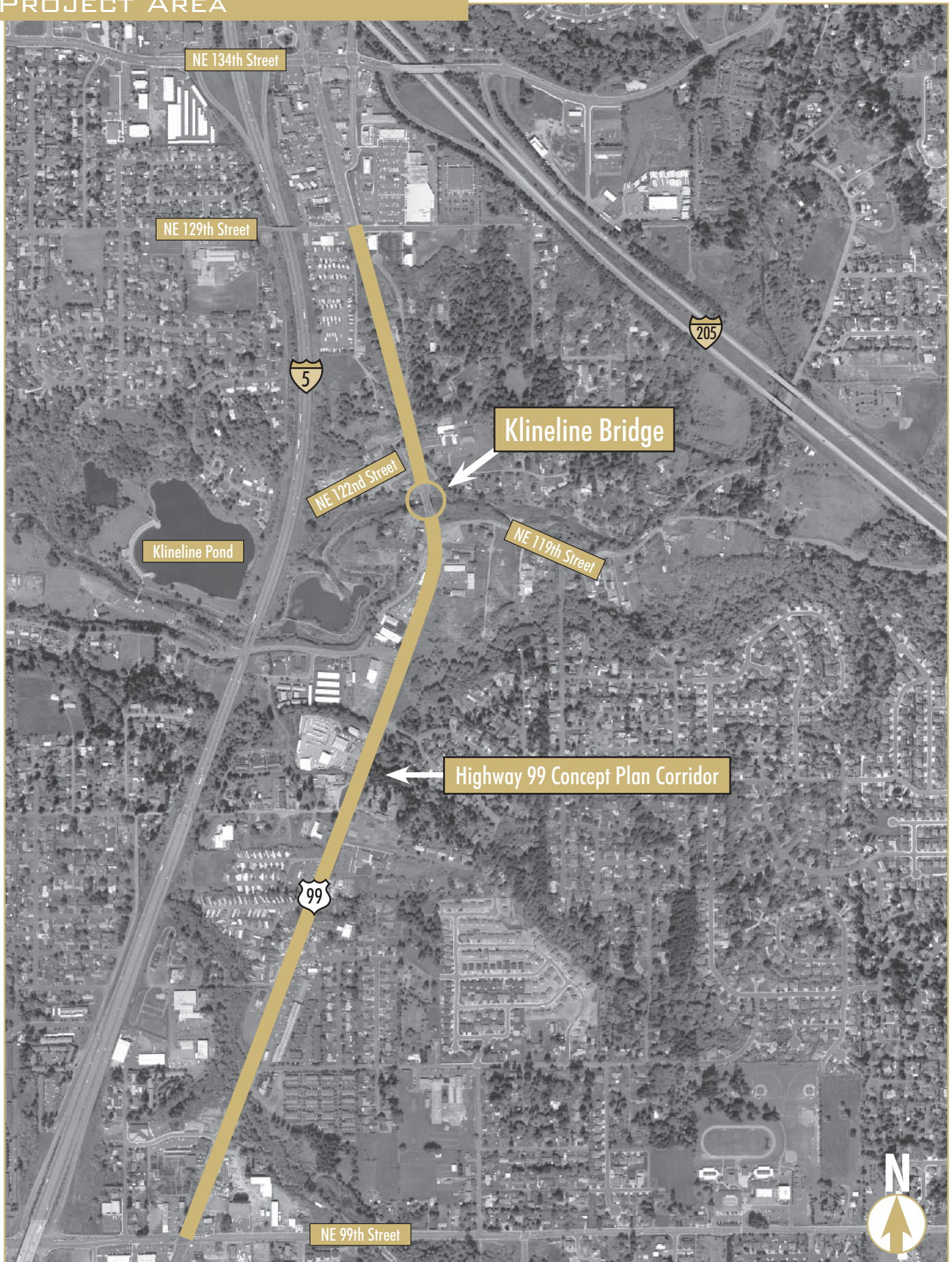
Stabilization of the stream bank is crucial to long-term protection of the bridge structure.

## PRELIMINARY PROJECT SCHEDULE

Task	Date	Ongoing
30 percent Design		Individual property owner meetings
Joint Highway 99 Concept Plan and Kline Open House	Completed Fall 2005	
50 percent Design		
Citizen and Business Forum #1	Winter 2006	
Meetings with project area stakeholder groups	Winter 2006	
90 percent Design		
Citizen and Business Forum #2	Spring 2006	
Public Open House #2	Summer 2006	
99 percent Design/Pre-Construction		
Citizen and Business Forum #3	Winter 2007	
Meetings with project area stakeholder groups	Winter 2007	



## PROJECT AREA





## FAST FACTS

- A new Klineline Bridge on Highway 99 across Salmon Creek is being engineered.
- The original Klineline Bridge was built in 1927, portions of which have been rebuilt twice since then.
- The current bridge is experiencing significant deterioration.
- In October 2005, Clark County Public Works reduced the load limits for large trucks crossing the bridge to protect the deteriorating structure.
- Over 70 percent of the project funding will be covered by a federal grant.
- The bridge replacement project also will include restoration of Salmon Creek in the construction area. This work will improve fish habitat and aid upstream passage of salmon and steelhead while protecting the stream bank from future erosion during floods.
- Construction of the new bridge is currently scheduled to begin in spring 2007.

## CONTACT INFORMATION

If you have questions about this project or would like to have someone from the county present project information at your community, neighborhood, or business meeting, please contact the project manager:

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